

What is claimed is:

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1	1. A method of simulating communication delays among parties at simulated
2	spatial positions, comprising the steps of:
3	(a) receiving a message from a transmitting party, the message indicating a destination
4	party to whom the message is destined;
5	(b) determining a virtual distance from the transmitting party to the destination party;
6	(c) storing the message for a time interval determined according to the determined virtual
7	distance from the transmitting party to the destination party at a predetermined transmission
8	speed; and then
9	(d) forwarding the received message to the destination party.
i	2. The method of claim 1 wherein step (b) is performed according to actual
2	terrestrial positions of the parties; and
3	the predetermined transmission speed is substantially less than the speed of light.
l	3. The method of claim 1 wherein step (b) is performed according to
2	simulated positions of the parties in a virtual spatial map.
l	4. The method of claim 1 wherein step (a) includes checking said message
2	and rejecting said message if it contains any information indicating true identity of the transmitting
3	party.
l	5. The method of claim 1 wherein step (c) is bypassed if the transmitting
2	party agrees to pay a premium.

The method of claim 5 wherein the premium is monetary.

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1	7.	The method of claim 5 wherein the	parties are engaged in a recreation and
2	the premium is a recr	eation-related penalty.	

- 1 8. The method of claim 1 wherein the parties are engaged in a recreation
 2 involving at least virtual buying and selling of goods, and wherein goods obtained from a greater
 3 simulated distance incur a greater virtual cost.
- 9. A server for simulating communication delays among parties at simulated spatial positions, comprising:
- an arithmetic unit for at least determining a simulated distance from each party to each other party;
 - a receiver for receiving a message from a transmitting party;

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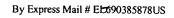
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- a data store for storing the received message for a time interval determined by the arithmetic unit according to the determined simulated distance from the transmitting party to a destination party and a predetermined transmission speed; and
- a transmitter for forwarding the received message to the destination party.
 - 10. The server of claim 9 wherein:
 - the determination of a simulated distance from each party to each other party is performed according to actual terrestrial positions of the parties; and
- 4 the predetermined transmission speed is substantially less than the speed of light.
 - 11. The server of claim 9 wherein:
 - the determination of a simulated distance from each party to each other party is performed according to simulated positions of the parties in a virtual spatial map.
- 1 12. The server of claim 9 wherein the receiver checks said message and rejects said message if it contains any information indicating true identity of the transmitting party.





1	13.	The server of claim 9 wherein the data store is bypassed if the transmitting
2	party agrees to pay a p	premium.
1	14.	The server of claim 13 wherein the premium is monetary.
1	15.	The server of claim 13 wherein the parties are engaged in a recreation and
2	the premium is a recre	eation-related penalty.
1 2	16. involving at least virtu	The server of claim 9 wherein the parties are engaged in a recreation al buying and selling of goods, and wherein goods obtained from a greater
3	simulated distance inci	ır a greater virtual cost.
1		A server for equalizing the effects of network connection speeds among
2	parties connected to a	•
3		receiving a message to be sent to each party;
4	an arithmetic u	nit for at least determining a transmission time for the message for each
5	party according to each	h party's connection speed; and
6	a transmitter fo	or forwarding a copy of the received message to each party after a time
7	inversely proportional	to the transmission time determined for that party.
1	18.	The server according to claim 17, wherein said time inversely proportional

to the transmission time for each party is computed so that all parties receive messages at

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substantially the same time.

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ı	19. A method of equalizing the effects of network connection speeds among	
2	parties connected to a network, comprising the steps of:	
3	receiving a message to be sent to each party;	
4	determining a transmission time for the message for each party according to each party's	
5	connection speed; and	
5	transmitting a copy of the received message to each party after a time inversely	
7	proportional to the transmission time determined for that party.	
l	20. The method according to claim 19, including the step of computing said	

time inversely proportional to the transmission time for each party so that all parties receive 2 messages at substantially the same time. 3

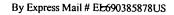
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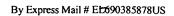
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- A system for terminals to interact in a network recreation environment with 1 other terminals, comprising: 2 means for determining a terminal's location; 3 means for linking a terminal's location to a virtual location of the network recreation; means for transmitting recreation-related messages to said other terminals; and 5 means for adapting delivery time of messages sent from a terminal to another terminal. 6
 - 22. The system according to claim 21, wherein the means for determining a terminal's location comprises means for inputting a name of a proximate city from a predetermined list of cities and means for equating the terminal's location to a terrestrial location of the proximate city.
- 23. 1 The system according to claim 21, wherein the means for determining a terminal's location comprises means for receiving signals from the global positioning system and 2 means for determining the terminal's location accordingly. 3





- The system according to claim 21, wherein the means for determining a terminal's location comprises means for inputting a postal code and means for equating the terminal's location with the a predetermined terrestrial location associated with the postal code.
- The system according to claim 21, wherein the means for linking a terminal's location to a virtual location is according to the terminal's location and virtual distances pertaining to the network recreation.
- The system according to claim 21, wherein the means for transmitting recreation related messages employs at least one of the Internet, GSM, WAP, EDGE, TETRA, and Bluetooth.
- The system according to claim 21, wherein the means for adapting delivery time is according to the virtual location of a terminal.
- The system according to claim 21, wherein the means for adapting delivery time is according to a connection speed associated with a terminal.





1	29. A system for terminals to interact, comprising:	
2	a network for connecting the terminals to one another and to a server for providing	
3	interactive content to the terminals,	
4	the server comprising:	
5	a CPU,	
6	an input interface for receiving signals via the network from the terminals	
7	and coupling them to the CPU,	
8	logic in the CPU for determining interactive content for the terminals	
9	responsive to signals received therefrom, and	
0	an output interface for forwarding interactive content via the network from	
1	the CPU to the terminals.	
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l	30. The system of claim 29, further comprising a data store coupled to the	
2	CPU.	
1	31. The system of claim 30, wherein the data store contains at least:	
2	identification of terminals currently connected to the server,	
3	approximate terrestrial positions of said terminals,	
4	actual distances among said terminals determined according to their approximate terrestria	
5	positions,	
6	virtual distances among said terminals determined according to the actual distances among	
7	them and a distance scale appropriate to a recreation in which said terminals are participating,	
8	the transmission speeds at which said terminals are connected to the network, and	
9	a queue of messages, each from a source one of said terminals and destined for a	
)	destination one of said terminals.	



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1	32. The system of claim 31, wherein each message remains in the queue for a		
2	queuing time determined according to:		
3	the virtual distance between its source terminal and its destination terminal, and		
4	according to a virtual transmission speed predetermined for a recreation in which said		
5	terminals are participating.		
1	33. The system of claim 31, wherein each message remains in the queue for a		
2	queuing time determined according to:		
3	the virtual distance between its source terminal and its destination terminal,		
4	a virtual transmission speed predetermined for a recreation in which said terminals are		
5	participating, and		
6	the transmission speed of the destination terminal so as to equalize the effects of different		
7	transmission speeds.		